

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of accepting deposits of currency bills into a document processing device for crediting to a specified account, comprising:

receiving a plurality of documents associated with a deposit being made at a financial institution into an input receptacle of the document processing device, wherein the plurality of documents include a plurality of currency bills, each of the currency bills having an associated serial number;

scanning the plurality of currency bills to produce an electronic image for each of the plurality of currency bills;

extracting the associated serial number for each of the plurality of currency bills from one or more of the plurality of electronic images;

denominating each of the plurality of currency bills;

accumulating the total value of the plurality of currency bills included in the deposit; and in the document processing device, automatically generating a government-required report whenever the accumulated total value exceeds a prescribed value, wherein the document processing device is configured to include in the automatically generated government-required report the automatically generated government-required report comprising one or more of the electronic images, an identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value of the deposit, and the serial numbers associated with the one or more electronic images of the currency bills included in the deposit.

2. (Currently Amended) The method according to claim 1, further comprising: counting a number of currency bills of each denomination included in the deposit; and wherein the automatically generating is configured to include automatically generating the government required report includes automatically generating the

~~government required report to further comprise~~ the number of currency bills of each denomination included in the deposit.

3. (Currently Amended) The method according to claim 2, wherein the automatically generating is further configured ~~the automatically generating the government required report further comprises automatically generating the government required report to~~ include an identification of a location of the document processing device ~~into which the deposit was made~~, and an identification of a teller or customer responsible for the deposit.

4. (Currently Amended) The method according to claim 3, wherein the scanning further comprises scanning a complete image ~~[[on]] of~~ at least one side of each of the plurality of currency bills so as to produce ~~[[the]]~~ electronic images, and wherein automatically generating the government-required report includes automatically generating the government-required report such that the electronic images are complete images of the currency bills included in the deposit.

5. (Previously Presented) The method according to claim 1, wherein the plurality of documents include at least one deposit slip, and wherein the scanning further includes scanning the at least one deposit slip to produce electronic data.

6. (Previously Presented) The method according to claim 1, further comprising:
reading the identification of the specified account at the financial institution from a card supplied by a depositor; and
storing the specified account identification with the electronic images.

7. (Original) The method according to claim 1, wherein the prescribed value is \$10,000.

8. (Previously Presented) The method according to claim 1, further comprising storing the electronic images of the plurality of currency bills such that the electronic images may be retrieved and displayed for review at a time subsequent to completion of the deposit.

9. (Previously Presented) The method according to claim 1, further comprising:
detecting a suspect counterfeit currency bill included in the deposit;
generating a signal indicating the detection of the suspect counterfeit bill; and
retaining electronic data representing the detected suspect counterfeit bill in association
with the identification of the specified account at the financial institution.
10. (Previously Presented) The method according to claim 1, further comprising
denominating the plurality of currency bills at a rate in excess of 800 currency bills per minute.
11. (Previously Presented) The method according to claim 1, further comprising
denominating the plurality of currency bills at a rate in excess of 1,000 currency bills per minute.
12. (Currently Amended) A system for accepting deposits of currency bills into a
document processing device for crediting to a specified account, comprising:
an input receptacle adapted to receive a plurality of documents associated with a deposit
transaction at a financial institution, ~~and~~ wherein the plurality of documents
includes a plurality of currency bills, each of the currency bills having an
associated serial number;
at least one output receptacle for receiving the plurality of documents ~~after being~~
~~processed~~;
an image scanner adapted to scan the currency bills to produce an electronic image for
each of the currency bills;
a transport mechanism adapted to transport the plurality of documents, one at a time,
from the input receptacle past the image scanner to the at least one output
receptacle;
a processor adapted to extract the associated serial ~~number~~ numbers from the electronic
images; and
a denominating device for denominating each of the plurality of currency bills[:];
wherein the document processing device is configured to accumulate an accumulating
device for accumulating a total value of the plurality of currency bills included in

the deposit transaction~~[[;]]~~ and ~~to a generating device for automatically generate~~
~~generating~~ a government-required report whenever the accumulated total value
exceeds a prescribed value, the document processing device being further
configured to include automatically-generated government report including one or
more of the electronic images, an identification of the specified account at the
financial institution to which the deposit is being made, the accumulated total
value, and the serial numbers extracted from the electronic images in the
automatically generated government-required report.

13. (Currently Amended) The system according to claim 12, wherein the document
processing device is configured to count ~~further comprising a counting device for counting a~~
number of bills of each denomination included in the deposit transaction, and wherein the
document processing device is configured to include automatically-generated government-
~~required report includes~~ the number of bills of each denomination included in the deposit
transaction in the automatically generated government-required report.

14. (Currently Amended) The system according to claim 13, wherein the document
processing device is configured to include ~~the government-required report further comprises:~~ an
identification of a location of the document processing device ~~into which the deposit was made;~~
and an identification of a teller or customer responsible for the deposit in the automatically
generated government-required report.

15. (Currently Amended) The system according to claim 14, wherein the image
scanner is adapted to scan a complete image ~~[[on]]~~ of at least one side of each of the plurality of
currency bills to produce the electronic images, and wherein the electronic images are the
complete images of the currency bills included in the deposit.

16. (Currently Amended) The system according to claim 15, wherein the plurality of
documents includes at least one deposit slip, and wherein the image scanner is adapted to scan
the at least one deposit slip to produce an electronic image of the at least one deposit slip, and
wherein the document processing device is configured to include automatically-generated

government-required report includes the electronic image of the at least one deposit slip in the automatically generated government-required report.

17. (Previously Presented) The system according to claim 16, further comprising:
- a card reader that reads the identification of the specified account at the financial institution from a card supplied by a depositor; and
 - a memory storing the account identification with the electronic images relating to the deposit transaction.

18. (Previously Presented) The system according to claim 17, wherein the memory storing the electronic images of the plurality of currency bills stores the electronic images such that the electronic images can be retrieved and displayed for review at a time subsequent to completion of the deposit transaction.

19. (Previously Presented) The system according to claim 18, further comprising a suspect counterfeit detector that detects suspect counterfeit currency bills included in the deposit and generates a signal that indicates the detection of a suspect counterfeit bill.

20. (Original) The system according to claim 19, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 800 documents per minute.

21. (Original) The system according to claim 19, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 1000 documents per minute.

22. (Original) The system according to claim 19, wherein the prescribed value is \$10,000.

23. (Currently Amended) A document processor for processing a deposit of currency bills into a specified account at a financial institution, the document processor comprising:

an input receptacle adapted to receive documents associated with a deposit transaction being made at the financial institution, the documents including ~~at least one~~ currency ~~[[bill]] bills, each of the currency bills being associated with a respective serial number;~~

an image scanner adapted to scan the documents to produce an electronic image for each of the documents;

a transport mechanism adapted to transport the documents, one at a time, from the input receptacle past the image scanner to at least one output receptacle;

a denominating device adapted to denominate the ~~at least one~~ currency ~~[[bill]] bills;~~ and

a processor programmed to accumulate the total value of the ~~at least one~~ currency ~~[[bill]] bills~~ included in the deposit transaction, to extract the associated serial numbers from the electronic images of the currency bills, and to automatically generate a government-required report whenever the accumulated total value exceeds a prescribed value, the processor further being programmed to include automatically generated government required report containing the associated serial numbers of the currency bills, one or more of the electronic images, an identification of the specified account at the financial institution to which the deposit is being made, and the accumulated total value of the ~~at least one~~ currency ~~[[bill]] bills~~~~included in the deposit in the automatically generated government-required report.~~

24. (Previously Presented) The document processor according to claim 23, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate currency bill at a rate of approximately 800 to 1000 documents per minute.

25. (Previously Presented) The document processor according to claim 24, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate currency bills at a rate in excess of 1000 documents per minute.

26. (Currently Amended) The document processor according to claim 23, further comprising:

a memory adapted to store the electronic images such that the electronic images may be retrieved and displayed for review after completion of the deposit transaction;
and

~~a counting device which counts wherein the processor is programmed to count a number of currency bills of each denomination included in the deposit transaction, and wherein the processor is programmed to include automatically-generated government-required report includes the number of currency bills of each denomination included in the deposit in the automatically generated government-required report.~~

27. (Currently Amended) The document processor according to claim 26, wherein ~~the processor is programmed to include automatically-generated government-required report includes~~ an identification of a location of the document processing device ~~into which the deposit transaction was made~~, and an identification of a teller or customer responsible for the deposit in the automatically generated government-required report.

28. (Currently Amended) The document processor according to claim 27, wherein the image scanner is adapted to scan ~~a complete image on~~ at least one side of the ~~at least one~~ currency ~~[[bill]]~~ bills to produce the electronic images, and wherein the electronic images are ~~[[the]] complete image-images of the currency bills[[bill]].~~

29. (Currently Amended) The document processor according to claim 28, wherein the documents include at least one deposit slip, the scanner ~~[[is]]~~ being adapted to scan the deposit slip to produce an electronic image of the deposit slip, and wherein the processor is programmed to include the automatically-generated government-required report includes the electronic image of the deposit slip in the automatically generated government-required report.

30. (Previously Presented) The document processor according to claim 29, wherein the prescribed value is \$10,000.

31. (Currently Amended) The document processor according to claim 30, wherein the processor is programmed to include one or more of the electronic images of the currency bills in the automatically generated government-required report at least one currency bill includes an associated serial number and wherein the image scanner is adapted to extract the associated serial number from the electronic image of the at least one currency bill, and the automatically generated government required report includes the associated serial number for the at least one currency bill.

32. (Currently Amended) A method for processing a deposit of currency bills into a document processing device, the deposit associated with for crediting a specified account at a financial institution, the method comprising:

receiving a plurality of currency bills associated with a deposit transaction being made at the financial institution;

scanning at least a portion of each of the currency bills with an image scanner to produce electronic data representing at least a partial ~~video~~ image of each of the currency bills;

transporting the plurality of currency bills, one at a time, from an input receptacle past the image scanner to at least one output receptacle;

denominating the plurality of currency bills;

extracting a serial number from each of the at least partial images of the plurality of currency bills;

storing the electronic data so that the at least partial video-images may be retrieved and displayed for review after completion of the deposit;

accumulating a total value of the plurality of currency bills included in the deposit transaction; and

automatically generating and printing a government-required report whenever the accumulated total value exceeds a prescribed value, the automatically generating the generated government-required report comprising including in the report the extracted serial numbers from the at least partial images of the plurality of currency bills at least a portion of the stored electronic data representing one or

~~more of the at least partial video images~~, an identification of the specified account at the financial institution to which the deposit is being made, and the accumulated total value of the plurality of currency bills included in the deposit transaction.

33. (Previously Presented) The method according to claim 32, wherein denominating further comprises denominating the plurality of currency bills at a rate of approximately 800 to 1000 currency bills-per minute.

34. (Previously Presented) The method according to claim 32, wherein denominating further comprises denominating the plurality of currency bills at a rate in excess of 1000 currency bills per minute.

35. (Previously Presented) The method according to claim 32, wherein automatically generating and printing the government-required report further comprises automatically generating and printing the government-required report whenever the accumulated total value exceeds \$10,000.

36. (Currently Amended) The method according to claim 32, further comprising: counting a number of currency bills of each denomination included in the deposit transaction; and
~~automatically generating and printing the government required report which includes~~
including the number of currency bills of each denomination included in the deposit transaction in the automatically generated report.

37. (Currently Amended) The method according to claim 36, ~~wherein automatically generating and printing the government required report further comprising~~ comprises:
identifying a location of the document processing device ~~into which the deposit was made~~; and
identifying a teller or customer responsible for the deposit.

38. (Currently Amended) The method according to claim 37, wherein the scanning further comprises scanning a complete image of [[on]] at least one side of each currency bill to produce the electronic data.

39. (Currently Amended) The method according to claim 38, wherein automatically generating and printing the government-required report further comprises ~~automatically generating and printing the government-required report to include~~ including in the automatically generated government-required report the complete image of each currency bill included in the deposit transaction.

40. (Currently Amended) The method according to claim 39, further comprising:
receiving a deposit slip;
scanning the deposit slip to produce electronic data representing at least a partial ~~video~~
image of the deposit slip; and
~~automatically generating and printing the government-required report to include~~
including in the automatically generated government-required report the at least
partial ~~video~~-image of the deposit slip.

41. (Currently Amended) The method according to claim 40, further comprising:
~~extracting a serial number from each of the partial video images of the plurality of currency bills;~~
~~and automatically generating and printing the government-required report to include the~~
~~extracted serial numbers~~ including the at least partial images of the currency bills in the
automatically generated government-required report.

42. (Original) The method according to claim 41, wherein the prescribed value is \$10,000.

43-60. (Canceled).

61. (Currently Amended) The method according to claim 8, wherein the electronic images represent at least a partial ~~video~~ image of each currency bill.

62. (Currently Amended) The system according to claim 12, wherein the electronic images represent at least a partial ~~video~~ image of each currency bill.

63. (Currently Amended) The processor according to claim 23, wherein the electronic images represent at least a partial ~~video~~ image of each currency bill.

64-67. (Canceled).

68. (New) A method of processing currency bills in a document processing system, the method comprising:

receiving currency bills in an input receptacle of the document processing system, each of the currency bills having a denomination and a serial number associated therewith;

transporting the currency bills from the input receptacle in a serial fashion, past an image scanner, and to one or more output receptacles;

imaging each of the currency bills via the image scanner to produce electronic data from which an image of each currency bill can be reproduced;

detecting an occurrence of a triggering event;

in response to the detecting, generating a report, the report being required by a third party in response to the triggering event, the generating comprising including in the report at least one denomination, at least one serial number, and at least one image of at least a portion of one of the currency bills.

69. (New) The method of claim 68, wherein the triggering event includes a determination that a total of the received currency bills exceeds a predetermined threshold.

70. (New) The method of claim 69, wherein the report is a cash payment report.

71. (New) The method of claim 69, wherein the predetermined threshold is US\$10,000.

72. (New) The method of claim 71, wherein the received currency bills are all associated with a single deposit transaction.

73. (New) The method of claim 68, wherein the third party is a governmental agency.

74. (New) The method of claim 68, wherein the third party is the U.S. government.

75. (New) The method of claim 68, further comprising detecting a suspect counterfeit currency bill and generating a signal indicating the detection of the suspect counterfeit bill.

76. (New) A method of processing currency bills in a document processing system, the method comprising:

receiving currency bills in an input receptacle of the document processing system, each of the currency bills having a denomination and a serial number associated therewith;

transporting the currency bills from the input receptacle in a serial fashion, past an image scanner, and to one or more output receptacles;

imaging each of the currency bills via the image scanner to produce electronic data from which an image of each currency bill can be reproduced;

generating a report, the report being required by a third party, the generating comprising including in the report at least one denomination, at least one serial number, and at least one image of at least a portion of one of the currency bills.

77. (New) The method of claim 76, further comprising detecting a suspect counterfeit currency bill.

78. (New) A document processor for processing a deposit of currency bills into a specified account at a financial institution, the document processor comprising:
- an input receptacle operative to receive currency bills associated with a deposit transaction, the currency bills having a denomination and a serial number associated therewith;
 - an image scanner operative to scan the currency bills to produce an electronic image for each of currency bill;
 - a transport mechanism operative to transport the currency bills, one at a time, from the input receptacle past the image scanner to at least one output receptacle; and
 - a processor configured to:
 - detect an occurrence of a triggering event, and
 - in response to the detecting, generating a report, the report being required by a third party in response to the triggering event, the generating comprising including in the report at least one denomination, at least one serial number, and at least one image of at least a portion of one of the currency bills.
79. (New) The system according to claim 12, further comprising:
- a card reader configured to read an identification of the specified account at the financial institution from a card supplied by a depositor; and
 - a counterfeit detector configured to detect if one or more of the plurality of currency bills included in the deposit are counterfeit bills, in response to a detected counterfeit bill, the counterfeit detector generates a signal that indicates the detection of the counterfeit bill,
- wherein the processor is configured to count a number of currency bills of each denomination included in the deposit transaction.